

IN THE CLAIMS

Please amend the claims as shown in the marked-up copy attached to read as follows:

3. (Amended) The medium according to Claim 1, characterized by:

part of the status information data being in the printer whether the output initiation instruction exists or not; and

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the output initiation instruction monitor function monitoring whether the output initiation instruction is contained in the status information data acquired by the status information acquisition function on the host side.

4. (Amended) The medium according to Claim 1, characterized by:

the output initiation instruction being a trigger transmitted from the printer through the two-way communication; and

the output initiation instruction monitor function judging whether the trigger is received.

5. (Amended) The medium according to Claim 1, characterized by:

the status information acquisition function analyzing the status of the printer based on the acquired status information data; and

the status information acquisition function warning a user on the host computer if the printer can perform no printing.

6. (Amended) The medium according to Claim 1, characterized by the status information acquisition function acquiring the communication mode as the status information data when two-way communication is held with the printer.

7. (Amended) The medium according to Claim 1, characterized by by the printing data generation function generating from a default file the form of the printing images to be printed by the printer, then generating the character string image corresponding to the status

based on the status information data, and generating the printing image by superposing them together.

8. (Amended) A printer for holding two-way communication with a host computer and printing status information about the printer, the printer comprising:

an output initiation instruction unit for instructing the output initiation of the status information;

a status information acquisition unit on the printer's side for acquiring status information data on the printer;

a status information output unit for outputting through the two-way communication the status information data acquired by the status information acquisition unit on the printer's side, and causing the host computer to generate printing data for the printer to print the status information; and

a printing unit for receiving the printing data from the host computer through the two-way communication and performing predetermined printing based on the received data.

10. (Amended) The printer according to Claim 8, characterized by:

the status information acquisition unit including a status information data storage part for storing status information data, and writing the output initiation instruction as part of the status information data in accordance with the output initiation instruction of the output initiation instruction unit; and

the status information output unit outputting through the two-way communication the status information data stored in the status information data storage part.

11. (Amended) The printer according to Claim 8, characterized by:

the output initiation instruction unit outputting a trigger as the output initiation instruction through the two-way communication; and

the status information output unit outputting the status information data acquired by the status information acquisition unit after the trigger is outputted.

12. (Amended) The printer according to Claim 8, characterized by the output initiation instruction unit including a predetermined instruction button, multiple operation of which gives the output initiation instruction.

13. (Amended) The printer according to Claim 8, characterized by:
the status information acquisition unit acquiring fixed status information only when the printer is booted; and

the status information acquisition unit acquiring sequentially updated status information when the status is updated.

14. (Amended) A printing controller for causing a printer connected for two-way communication to print status information on the printer, the printing controller comprising:

an output initiation instruction monitor unit for monitoring the output initiation instruction for the status information that the printer outputs through the two-way communication;

a status information acquisition unit on the host side for acquiring status information data from the printer through the two-way communication;

a printing data generation unit for generating printing data to be printed by the printer based on the status information data acquired by the status information acquisition unit on the host side when the output initiation instruction monitor unit recognizes the output initiation instruction; and

a printing data output unit for outputting to the printer through the two-way communication the printing data generated by the printing data generation unit.

16. (Amended) The printing controller according to Claim 14, characterized by:

part of the status information data being in the printer whether the output initiation instruction exists or not; and

the output initiation instruction monitor unit monitoring whether the output initiation instruction is contained in the status information data acquired by the status information acquisition unit on the host side.

17. (Amended) The printing controller according to Claim 14, characterized by:
the output initiation instruction being a trigger transmitted from the printer through the two-way communication; and

the output initiation instruction monitor unit judging whether the trigger is received.

18. (Amended) The printing controller according to Claim 14, characterized by:
the status information acquisition unit analyzing the status of the printer based on the acquired status information data; and

the status information acquisition unit warning a user if the printer can perform no printing.

19. (Amended) The printing controller according to Claim 18, characterized by the status information acquisition unit acquiring the communication mode as the status information data when two-way communication is held with the printer.

20. (Amended) The printing controller according to Claim 14, characterized by the printing data generation unit generating from a default file the form of the printing images to be printed by the printer, then generating the character string image corresponding to the status based on the status information data, and generating the printing image by superposing them together.

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21. (Amended) A status information printing method for causing a printer to print status information under the control of a host computer, the printer and the host computer being connected for two-way communication, the method comprising:

an output initiation instruction monitor step for monitoring the output initiation instruction for the status information that the printer outputs through the two-way communication;

a status information acquisition step on the host side for acquiring status information data from the printer through the two-way communication;

a printing data generation step for generating printing data to be printed by the printer based on the status information data acquired in the status information acquisition step on the host side when the output initiation instruction is recognized in the output initiation instruction monitor step; and

a printing data output step for outputting to the printer through the two-way communication the printing data generated in the printing data generation step.

23. (Amended) The status information printing method according to Claim 21, characterized by:

part of the status information data being in the printer whether the output initiation instruction exists or not; and

the output initiation instruction monitor step monitoring whether the output initiation instruction is contained in the status information data acquired in the status information acquisition step on the host side.

24. (Amended) The status information printing method according to Claim 21, characterized by:

the output initiation instruction being a trigger transmitted from the printer through the two-way communication; and

the output initiation instruction monitor step judging whether the trigger is received.

25. (Amended) The status information printing method according to Claim 21, characterized by:

the status information acquisition step analyzing the status of the printer based on the acquired status information data; and

the status information acquisition step warning a user if the printer can perform no printing.

26. (Amended) The status information printing method according to Claim 21, characterized by the status information acquisition step acquiring the communication mode as the status information data when two-way communication is held with the printer.

27. (Amended) The status information printing method according to Claim 21, characterized by the printing data generation step generating from a default file the form of the printing images to be printed by the printer, then generating the character string image corresponding to the status based on the status information data, and generating the printing image by superposing them together.

IN THE ABSTRACT

Please replace the original Abstract with the following new Abstract: